

BLEND FUNCTIONALIZED POLYOLEFIN ADHESIVEABSTRACT

5 Disclosed herein is an adhesive composition comprising a blend functionalized with a functional group, wherein the blend comprises a C3 to C40 olefin polymer and an additive, the C3 to C40 olefin polymer comprising at least 50 mol% of one or more C3 to C40 olefins, and where the C3 to C40 olefin polymer has: a Dot T-Peel of 1 Newton or more on Kraft paper; an Mw of 10,000
10 to 100,000; and a branching index (g') of 0.98 or less measured at the Mz of the polymer when the polymer has an Mw of 10,000 to 60,000, or a branching index (g') of 0.95 or less measured at the Mz of the polymer when the polymer has an Mw of 10,000 to 100,000. A process of producing the adhesive composition, as well as methods of utilizing the adhesive composition are also disclosed.